



Lightning-Fast Unloading...

***Built on a
Tradition of Value!***

42 AND 24 SERIES CORNER-AUGER GRAIN CARTS



The Perfect Choice For Your Harvesting Team

Parker® grain carts are long-known for their outstanding value, performance and durability. Models 842, 1042 and 1142 build on this enduring legacy of value with larger diameter augers for lightning-fast unloading and longer augers for greater unloading ease.

Special features are engineered into Parker corner-auger grain carts to make loading, unloading and transporting grain to waiting trucks fast and convenient. Bridge construction from hitch to axle provides additional support and durability.

The vertical rib in the center of the sideboards provides additional strength and support when they are full. The PTO shear-bolt design helps protect the gearbox and driveline and requires minimal maintenance.



Model 524



Model 1042

GRAIN CART MODEL CAPACITIES

524: 500 bu.

842: 850 bu.

624: 600 bu.

1042: 1,000 bu.

742: 750 bu.

1142: 1,100 bu.



The Parker corner-auger design allows greater auger reach and height for easier unloading. Compared to other carts, the length of our side-folding corner auger allows it to reach to the center of a truck, as its length is not restricted by the width of the cart. And with the 42-series carts, the longer auger means reach is greater than ever and the larger diameter makes unloading lightning fast!



All carts feature an observation ladder and inspection window(s) for quick, convenient and safer viewing of cart contents.



42-series grain cart augers feature synchronized flighting, coupled with patented cushioned engagement system, for faster, smoother unloading for additional auger durability and enhanced grain quality.

Model 1142
1,100 bu. capacity



A unique sump design funnels all grain to one spot, helping to feed the auger for faster unloading and complete cleanout.



Convenient storage rack for organizing hydraulic hoses and electrical cords to keep them accessible and clean.

Engineered for added strength

Bridge construction from hitch to axle provides additional support and durability.



Hydraulic spout diverts grain flow to the left or right for easier unloading — standard on 742, 842, 1042 and 1142, optional in-out control on 524 and 624.

The auger spotlights provide better visibility for nighttime unloading.

Wheel-operated cleanout door on 42 series carts, lever-operated on other models.

Tubular steel frame and axle construction to handle the heavy loads — optional adjustable axles on larger models.



Model 742

750 bu. capacity



When the auger is folded, the 1 ³/₄" retaining pin, welded to the cart, ensures a secure fit while in storage or transport.



*Loaded P.S.I. calculated at 3" soil penetration depth and is presented for relative comparison of the options

Parker single-auger grain carts are available with the widest variety of single, high-flotation wheels and tires and tracks for increased flotation. Straddle row duals with an adjustable axle for models 742, 842 and 1042 can be set to match a variety of row spacings.

When you're ready for the ultimate in flotation, Parker offers two different track designs to meet your needs on 850-bushel and larger grain carts. All tracked undercarriages are hydraulically tensioned, factory aligned and ready for work and feature heavy-duty, greaseable hubs with purgeable seals for longer life. Steel idler wheels and oscillating bogie-wheel designs provide a smooth ride and consistent ground contact.

Traditional Tracks:



Traditional Tracks

- Traditional design features low-profile, 36"-wide belt, steel end wheels, cast bogie wheels and front-to-rear oscillation for following ground terrain. All wheels are on the same plane for consistent contact with the ground.

- Choose your flotation level from three sizes: 75" of ground contact with 32" diameter end wheels, 8-bolt hubs and dual bogie wheels for models 842, 1042 and 1142; 87" of ground contact with 40" diameter end wheels, 10-bolt hubs and two bogie wheels for model 1142, or a longer 105" ground contact that features 40" end wheels and four bogie wheels for model 1142.

Equalizer Tracks:

- Independently cambered, patented Equalizer® tracks for model 1142 follow ground contours for optimum flotation and minimum compaction. The 42" x 105" footprint sets industry standards for enhanced maneuverability and greater flotation.

UHarvest® Pro Data



520 Scale



410 Scale

Scale Solutions

The model 410 scale package is specifically designed for ease of use and maximum productivity. The data can be sent to an optional attached printer or Data Downloader (DDL). The model 520 scale package's large, multi-line display provides automatic load logging and detailed management options such as downloading field information from your computer to the scale for easily recording field data, includes USB drive and software.

Management System

The UHarvest® Pro data management system provides full ISOBUS terminal operation while it automatically stores detailed information about each load. The UHarvest Pro system automatically records each bushel unloaded from the grain cart by categories of grower, farm, field, truck loaded, grain destination and variety.

Features include:

- Complete touch-screen operation using the tractor's virtual terminal
- Grower, farm and field information
- Truck, destination and crop variety
- Calibrate combine yield monitor
- Hitch weight management
- The harvest data can be quickly uploaded to a Raven Slingshot account for analysis or sharing with your crop advisor or insurance adjuster by using a mobile device with Bluetooth connection and the free mobile app
- Optional Moisture Sense for knowing dry bushels harvested
- Optional Accu-Load automatically unloads predetermined weight by truckload — also available with 520 scale



UHarvest® Pro

Additional Accessories



LCD Display



Rollover Tarp

For added convenience, add a cart-mounted LCD display with 8" tall numerals for easily viewing the cart's weight from the combine when equipped with a scale.

Heavy-duty rollover tarp with 18 oz. canvas opens and closes easily. Standard on model 1142, optional on all others.





Grain cart specifications:

Model Number	524	624	742	842	1042	1142
Capacity* (bushels)	500	600	750	850	1000	1100
Minimum Tractor HP	130	140	150	180	200	200
Loaded Tongue Weight (lbs)	3200	3600	4990	5550	4700	4800
Empty Tongue Weight (lbs)	900	1000	1200	1350	1450	1500
Auger Diameter	14"	14"	18"	18"	20"	20"
Unloading Speed (bushels/minute)	290	290	450	450	500	500
Flighting Thickness	5/16"	5/16"	7/16"	7/16"	7/16"	7/16"
Hub Size/Spindle Diameter**	10-Bolt 2 7/8"	10-Bolt 3 3/4"	10-Bolt 4 1/2"	10-Bolt 4 1/2"	10-Bolt 4 1/2"	10-Bolt 4 1/2"
Hydraulic Remotes Required	2	2	3	3	3	3
Front/Rear Hopper Slope (degrees)	36/36	36/36	39/34	39/34	39/34	39/34
A. Hopper Length	13' 10"	13' 10"	16'	16'	21' 6"	21' 6"
B. Hopper Width	11' 10"	11' 10"	11' 10"	11' 10"	11' 10"	13'
C. Auger Side Reach Max (to inside of rubber spout)	7' 3"	7' 3"	9' 2"	9' 2"	9' 9"	9' 9"
C. Auger Side Reach Min (to inside of rubber spout)	7' 3"	7' 3"	7' 2"	7' 2"	7' 3"	7' 3"
D. Overall Transport Length	19' 5"	19' 5"	27' 7"	27' 7"	29' 7"	29' 7"
E. Hitch to Center of Axle	13' 6"	13' 6"	15' 7"	15' 7"	16' 10"	16' 10"

Single Wheels & Tires

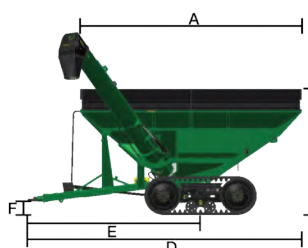
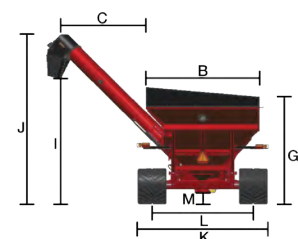
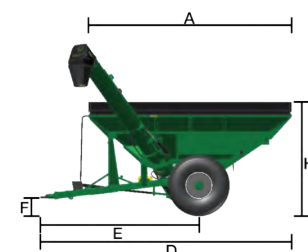
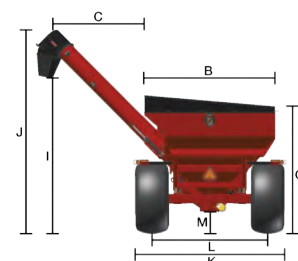
Measured Undercarriage	Rigid Axle 520/85x38	Rigid Axle 24.5x32	Rigid Axle 800/65x32	Rigid Axle 800/65x32	Rigid Axle 900/65x32	Adj Axle 1050/50x32
Empty Weight (lbs)	7120	7300	11,450	12,750	13,340	14,500
F. Hitch Height	1' 7"	1' 7"	1' 7"	1' 10"	1' 10"	1' 10"
G. Hopper Height Low Side	9' 8"	10' 2"	11'	11' 3"	11' 8"	11' 8"
H. Hopper Height High Side	11'	11' 6"	12'	12' 3"	12' 6"	12' 7"
I. Auger Height with Spout Straight Down	12' 5"	12' 5"	12' 11"	12' 11"	13'	13'
J. Height to Top of Auger in Unload Position	14' 11"	14' 11"	17' 11"	17' 11"	17' 11"	17' 11"
K. Width Outside of Tires	12'	12'	12' 10"	12' 10"	14' 4"	14' 6"
L. Center of Tire to Center of Tire	10'	10'	10'	10'	11' 2"	11' 3" min. 12' 9" max.
M. Under Frame Height	1' 4"	1' 4"	1' 5"	1' 5"	1' 5"	1' 5"

Tracks

Measured Undercarriage	-	-	-	36" x 112"	36" x 112"	36" x 112"
Empty Weight (lbs)	-	-	-	19,000	19,400	19,550
F. Hitch Height	-	-	-	1' 5"	1' 5"	1' 5"
G. Hopper Height Low Side	-	-	-	11' 3"	11' 1"	11' 1"
H. Hopper Height High Side	-	-	-	12' 3"	12' 1"	12' 2"
I. Auger Height with Spout Straight Down	-	-	-	12' 10"	12' 11"	12' 11"
J. Height to Top of Auger in Unload Position	-	-	-	17' 8"	17' 7"	17' 7"
K. Width Outside of Tracks	-	-	-	13' 7"	13' 11"	13' 11"
L. Center of Track to Center of Track	-	-	-	10' 7"	10' 11"	10' 11"
M. Underframe Height	-	-	-	1' 4"	1' 1"	1' 1"

* Capacities measured with #2 corn, with 15% moisture and 56 pound test weight.

**Constructed from high-tensile strength steel.



Due to continuing improvements in the design and manufacture of Unverferth products, all specifications contained herein are subject to change without notice. For relevant patent marking, please visit unverferth.com/patents.

See your nearest Parker dealer or visit parkerequip.com today for complete details about the Parker Engineered-For-Tomorrow single-auger grain carts.

Unverferth
Manufacturing Company, Inc.

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